

First & Final Bill

BR NO-07
25/05/2022Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)SBR NO-07
25/05/2022No
Division: R.R Nagar Electrical

Sub- Division: R.R Nagar, Electrical

Bill Received No. Dated .. Cash Book Voucher No. dated ..

Scheduled Docket No.

Name of Work (as per sanctioned estimate): Providing electrical maintenance and repairs to park lighting and other installation at JP park ward no 17 of RR nagar zone

Name of Contractor and Full Address

M/S Prema Electrical Enterprises
No.134, 8th Cross, Malleshwaram
Bangalore-560003.

Work order No EE/ELE/RRN/W O/ 06 /2021-22 Dtd 08/10/2021

Budget Head: P0298

Reference to Agreement :06/2021-22 Dtd 08/11/2021

Job Code:017-20-000015

Certified that the measurements were taken by me on 8/4/2022 and recorded of page nos 371928 to

371931 of measurement Book No 3718 and that the work is satisfactorily executed

Contractor

Prof. Ma. Inoue - 503827

CGST @ 6% - 30230
SGST @ 6% - 30230

Officer in charge of work

Certified that the measurements were checked by me on 8/4 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon and normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Sub-division Officer

- 1) Total value of work done or supplies as per account within
- 2) Deduct amount to be held in reserve being percent Rs.
- 3) Balance
- 4) Deduct payment :
 - a) Amount of previous payment as in the Office Cash Book Voucher No. Dtd SD No.
Amount adjusted towards cash advance recovery of
 - b) Payments cost store or other material supplied
Now made recovery amount creditable to this/ other work
Amount paid on this bill cheque/cash
 - c) Balance being unpaid value of work done held in reserve
- 5) Deduct cash advance made on the Office Cash Book Voucher No. dated less adjustments
- 6) Net amount due to or from contractor
- Unadjusted items
- 7) Advance to contractor for materials brought to site (as detailed) within Value of Government materials supplied

Rs. 564287/-

Adjustments Details

IT 5643200/-

CGST 503800/-

SGST 503800/-

CBF 564200/-

FSD -

LC 5643200/-

FINE -

Scraps 848100/-

TOTAL 3040700/-

NETT 5,33,88000/-

Contractors Signature

Received Rs. (in words)

by cash and adjustment of payment as per memorandum.
Witnesses :1.
2.

Dated .. Signature of contractor

Paid by me by cheque No. Dated ..

Cash Rs. Dated ..

Initials of Officer making payment

Passed for Rs. 564287/- Only

Nett Cheque Rs. 5,33,880/- Only

Adjustment Rs. 30,407/- Only

Rs in Words Five lakhs thirty

three thousand eight hundred eighty only

Accts Supd

RRNZ

BBMP

Executive Engineer (Elc)

FE(E)

RRNZ

BBMP

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21.22

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SGST @ 6% - 30230

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Adjustments Details

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LC GST. 503800/-

1X SGST. 503800/-

CBF. 56400/-

FSD. -

LC. 5643200/-

FINE. -

Scraps. 848100/-

TOTAL. 3040700/-

NETT. 5,33,88000/-

Contractors Signature

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Witnesses :

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2

Dated Signature of contractor

Paid by me by cheque No. Dated

Cash Rs. Dated

Initials of Officer making payment

Accts Supd

RRNZ

BBMP

Executive Engineer (Elc)

FE(E)

RRNZ

BBMP

Passed for Rs. 564287/- Only

Nett Cheque Rs. 5,33,880/- Only

Adjustment Rs. 30,407/- Only

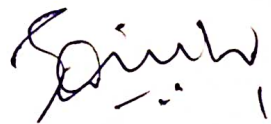
Rs in Words Five Lakhs Thirty

Three thousand Eight hundred Eighty only

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022

Electrical

Providing electrical maintenance and repairs to park lighting and other installation at JP park ward no 17 of RR nagar zone									
A	Items Grouped under sub Heads and sub works of the Estimate	Unit	Previous Measure		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate		Amount	Qty
						Rs	Ps	Rs ps	
1	Providing services of Clerk/computer operator/Dataentry operator/Tax collector/Electrician and other Skilled Workers.Skilled Electrician.(For 6 Months) Dept of labour No KAE 71 LWA 2015 Dtd:04/08/2016.	month			6	13300.00		79800.00	6 79800.00
2	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. 1.5 sqmm	Mtr			295	20.00		5900.00	295 5900.00
2a	2.5 sqmm	Mtr			198	31.00		6138.00	198 6138.00
2b	4 sqmm	Mtr			180	44.00		7920.00	180 7920.00
2c	6 sqmm	Mtr			150	69.00		10350.00	150 10350.00
4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 20 Amps SP	Each			8	1330.00		10640.00	8 10640.00
4a	40 Amps SP	Each			8	710.00		5680.00	8 5680.00
4b	50-63Amps TPN	Each			4	2350.00		9400.00	4 9400.00
5	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947 100 Amps	Each			6	4190.00		25140.00	6 25140.00
6	Supplying and fixing Microprocessor based Electronic timer (without contactor, Din Mounting using necessary bolts, nuts and washers etc..) 3-120sec setting.	Each			6	1920.00		11520.00	6 11520.00
7	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm	Mtr			198	129.00		25542.00	198 25542.00
7a	3.5 core 25 sqmm	Mtr			100	178.00		17800.00	100 17800.00
7b	3.5 core 35 sqmm	Mtr			100	222.00		22200.00	100 22200.00
8	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct. 6 sqmm to 16 sqmm	Mtr			198	11.00		2178.00	198 2178.00
8a	25 sqmm to 75 sqmm	Mtr			200	15.00		3000.00	200 3000.00
9	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) In soil (ordinary)	Mtr			298	75.00		22350.00	298 22350.00
10	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. 16 sqmm	Each			30	12.00		360.00	30 360.00
10a	25 sqmm Long Barrel	Each			20	19.00		380.00	20 380.00
10b	35 sqmm Long Barrel	Each			20	31.00		620.00	20 620.00


 JEE (Ele.)
 1/c

Items Grouped under sub Heads and sub works of the Estimate		Unit	Previous Measure		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs. ps	Qty	Cost
11	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers 32 Amps	Each			6	171.00	1026.00		1026.00
11a	63 Amps	Each			6	220.00	1320.00		1320.00
11b	100 Amps	Each			5	340.00	1700.00		1700.00
12	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop- Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/ Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets. 200mmx200mmx98mm	Each			10	1900.00	19000.00		19000.00
13	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. LED Streetlight 25watts	No			24	1800.00	43200.00		43200.00
14	Supplying & fixing LED Drivers suitable for 5700K LED fitting Outdoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply a) 25W 5700K suitable for outdoor LED fitting.	Each			100	1165.00	116500.00		116500.00
14a	40W 5700K suitable for outdoor LED fitting.	Each			18	1690.00	30420.00		30420.00
15	Supplying and fixing of T8 36/40W Fluorescent Tube with 36W power consumption with initial lumen of 2750 (3000 deg K / 4000 deg K) with rated avg life of greater than 10000 hrs. Operating voltage range from 180V to 265V, 50Hz AC power Supply	No			8	52.00	416.00		416.00

S. S. S. S. S.
AEF (Ele.)

Items Grouped under sub Heads and sub works of the Estimate		Unit	Previous Measure		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate Rs Ps	Amount Rs Ps	Qty	Cost
15a	Supplying and fixing of Electronic Ballast suitable for T8 lamp with housing made of Pre-coated steel/PC, Operating voltage range from 180V to 265V, 50Hz AC power Supply flicker free warm start with over voltage protection, Inrush current protection, De-activated lamp protection & End of Lamp life protection with PF > 0.95 & TC(deg C) > 65 degC. Operating voltage range from 180V to 265V, 50Hz AC power Supply 1x36/40 watts	Each			8	372 00	2976 00		2976 00
16	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293. 6 Amps one way switch	Each			8	69 00	552 00		552 00
16a	32Amps DP switch	Each			10	180 00	1800 00		1800 00
17	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) 100 Amps 25kA	Each			4	4500 00	18000 00		18000 00
Total							503828.00		503828.00
GST Shall be added @12% on All above items of work							60459.00		60459.00
Sub Total							564287.00		
Rupees Five Lakh Sixty Four Thousand Two Hundred and Eighty Seven Only									

Certifiacte:

1. Certified that work is Executed Satisfactorily.

B	Deductions						424028 00		
	Total Of Item No 02 TO 17								
a	Deductions of 2% of bill as per Contract Agreement on account of Released scarp material Item No 02 TO 17						8481 00		8481 00

[Signature]

[Signature]
EE (Ele.)